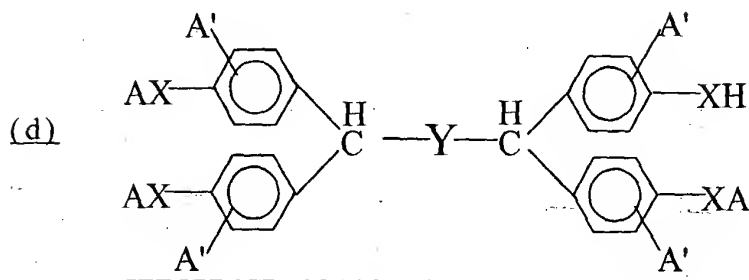
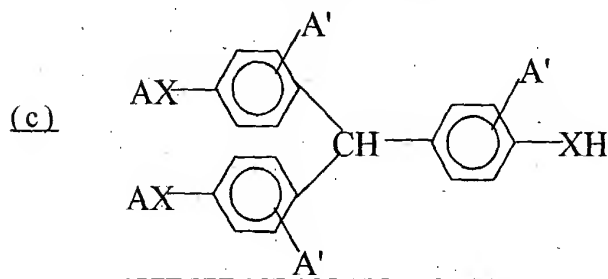
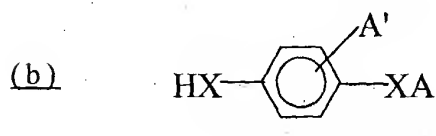
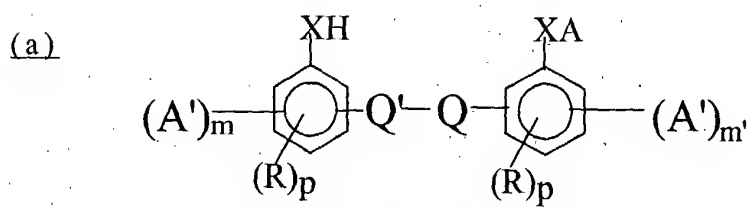


In the Claims:

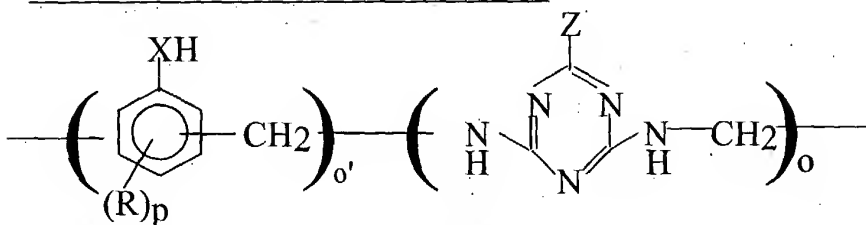
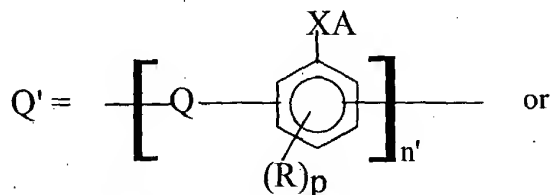
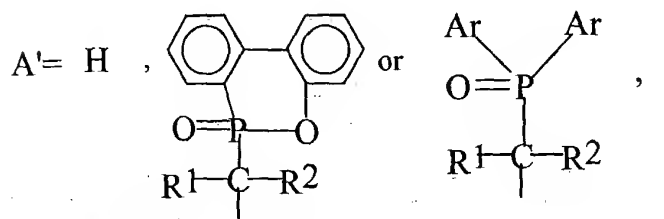
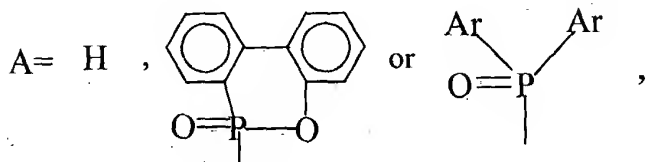
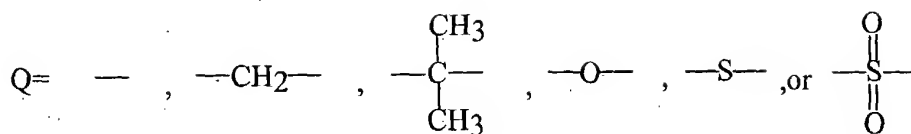
Please cancel Claims 1 – 62.

63. (Currently amended) A cured phosphorus-containing epoxy resin prepared by cross-linking an epoxy resin or an advanced epoxy resin in a molten state of said epoxy resin or an advanced epoxy resin and in the presence of a hardener according to any one of claims 1 to 62 having a formula selected from the group consisting of (a), (b), (c) and (d):

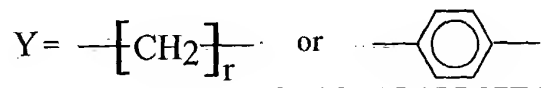


wherein

$m = 1 \text{ or } 2$; $m' = 0 \text{ or } 1$; $p = 0 \sim 3$; $R = \text{C1} \sim \text{C4 alkyl}$; $X = \text{O, S or NH}$;



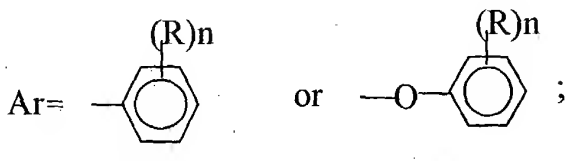
wherein Q = ---, when Q' is the latter;



wherein

R¹, R² independently are H, C1~C18 alkyl, C6~C18 aryl, C6~C18 substituted aryl, C6~C18 aryl methylene, or C6~C18 substituted aryl methylene;

$n' = 0 \sim 11$; $Z = -\text{NH}_2$, $-\text{NHR}$, or $-\text{R}$; $o = 1 \sim 3$; $o' = 3 \sim 10$; $r = 0 \sim 6$; R , Q and p are defined as above;



wherein R is defined as above and $n=0-5$;

wherein either all the A or all the A' in each formula of (a) to (d) are H , and at least one of the A is not H when all the A' are H in each formula of (a) to (d), and at least one of the A' is not H when all the A are H in each formula of (a) to (d);

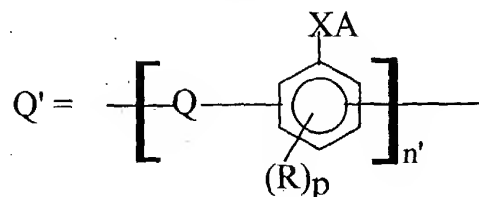
or a hardener mixture comprising a one said hardener having said formula according to any one of claims 1 to 62 and an additional different hardener for epoxy resin.

64. (Original) The cured phosphorus-containing epoxy resin according to claim 63 having 0.5 – 30% of phosphorus based on the weight of the cured phosphorus-containing epoxy resin.

65. (Original) The cured phosphorus-containing epoxy resin according to claim 64 having 0.5 – 5% of phosphorus based on the weight of the cured phosphorus-containing epoxy resin.

66. (Original) The cured phosphorus-containing epoxy resin according to claim 63, wherein said epoxy resin is a bi-functional epoxy resin selected from the group consisting of bisphenol A, bisphenol F, bisphenol S, and biphenol; a multi-functional epoxy resin of phenol formaldehyde novolac epoxy or cresol formaldehyde novolac epoxy; or a mixture of the bi-functional epoxy resin and the multi-functional epoxy resin.

67. (New) The cured phosphorus-containing epoxy resin according to claim 63, wherein the hardener has a structure wherein all the A' are H and



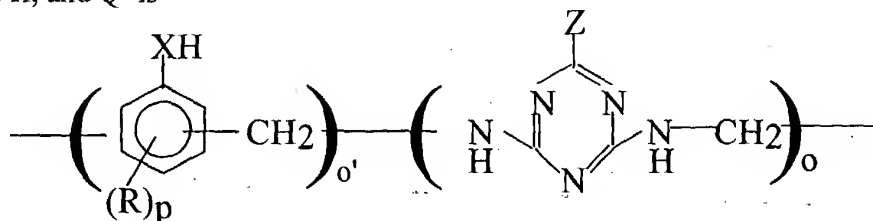
68. (New) The cured phosphorus-containing epoxy resin according to claim 67, wherein the hardener has a structure of the formula (a).

69. (New) The cured phosphorus-containing epoxy resin according to claim 63, wherein the hardener has a structure of the formula (b), and all the A' are H.

70. (New) The cured phosphorus-containing epoxy resin according to claim 63, wherein the hardener has a structure of the formula (c), and all the A' are H.

71. (New) The cured phosphorus-containing epoxy resin according to claim 63, wherein the hardener has a structure of the formula (d), and all the A' are H.

72. (New) The cured phosphorus-containing epoxy resin according to claim 63, wherein all the A are H, and Q' is



73. (New) The cured phosphorus-containing epoxy resin according to claim 72, wherein the hardener has a structure of the formula (a).

74. (New) The cured phosphorus-containing epoxy resin according to claim 63, wherein the hardener has a structure of the formula (b) and all the A are H.

75. (New) The cured phosphorus-containing epoxy resin according to claim 63, wherein the hardener has a structure of the formula (c) and all the A are H.

76. (New) The cured phosphorus-containing epoxy resin according to claim 63, wherein the hardener has a structure of the formula (d) and all the A are H.